

**TITLE OF THE INVENTION**  
**CONSISTENT MESSAGE ORDERING FOR**  
**SEMI-ACTIVE AND PASSIVE REPLICATION**

**CROSS-REFERENCE TO RELATED APPLICATIONS**

*Final* ~~[0001] This application claims priority from U.S. provisional application serial number 60/399,580 filed on July 29, 2003, incorporated herein by reference.~~ *AI*

**STATEMENT REGARDING FEDERALLY SPONSORED  
RESEARCH OR DEVELOPMENT**

**[0002]** This invention was made with Government support under Grant No. 70NANBOH3015 awarded by the US Department of Commerce, National Institute of Standards & Technology. The Government has certain rights in this invention.

**INCORPORATION-BY-REFERENCE OF MATERIAL  
SUBMITTED ON A COMPACT DISC**

**[0003]** Not Applicable

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